

Claims

- [c1] 1. A method for determining a restored position, comprising:
 moving a scanner head along a first direction to scan a document;
 stopping the scanner head and defining a position where the scanner head stops at a restored position, and defining a data of the document scanned at the restored position as a restored graphic data;
 moving the scanner head along a second direction with a first distance, wherein the second direction is opposite to the first direction;
 moving the scanner head along the first direction with a second distance, wherein the second distance is smaller than the first distance;
 moving the scanner head along the first direction in a stepping manner to scan the document, so as to obtain a graphic data for each step that the scanner head moves;
 comparing the graphic data with the restored graphic data to select a graphic data closest to the restored graphic data defined as a connecting graphic data;
 and
 connecting the connecting graphic data with graphic data scanned thereafter with the restored graphic data.
- [c2] 2. The method according to claim 1, wherein the graphic data scanned before the connecting graphic data is removed after the step of connecting the graphic data.
- [c3] 3. The method according to claim 1, wherein the step of connecting the graphic data further comprises replacing the restored graphic data with the connecting graphic data.
- [c4] 4. The method according to claim 1, wherein the restored graphic data comprises a plurality of standard pixels, while each of the graphic data comprises a plurality of pixels, and a part of the pixels are compared to a part of the standard pixels in the corresponding positions in the step of comparing the graphic data with the restored graphic data.
- [c5] 5. The method according to claim 1, wherein the restored graphic data comprises a plurality of standard pixels, while each of the graphic data

comprises a plurality of pixels, and all of the pixels are compared to the standard pixels in the corresponding positions in the step of comparing the graphic data with the restored graphic data.

- [c6] 6. The method according to claim 1, wherein the step of comparing the graphic data includes comparing a part of the graphic data first scanned to the restored graphic data.